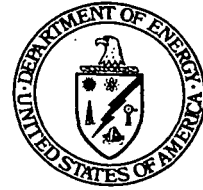




Department of Energy

Ohio Field Office
Fernald Area Office
P. O. Box 538705
Cincinnati, Ohio 45253-8705
(513) 648-3155



3039

JUN 13 2000

Mr. James A. Saric, Remedial Project Manager
U.S. Environmental Protection Agency
Region V, SRF-5J
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

DOE-0755-00

Mr. Tom Schneider, Project Manager
Ohio Environmental Protection Agency
401 East 5th Street
Dayton, Ohio 45402-2911

Dear Mr. Saric and Mr. Schneider:

TRANSMITTAL OF TOXICITY CHARACTERISTIC LEACHATE PROCEDURE RESULTS AFTER STABILIZATION OF LEAD HOT SPOT WITHIN THE AREA 1, PHASE II TRAP RANGE

- References:
- 1) Letter, J. Bradburne to J. Craig, "Transmittal of Change Pages to the Certification Design Letter for Area 1, Phase II Certified for Reuse Areas, Trap Range, Sector 2C, and Sector 3," dated June 2, 2000
 - 2) Facsimile, J. Chiou to J. Saric, T. Schneider, and F. Hodge, Design Change Notice 20712-077, entitled "Additional Trap Range Excavation," dated June 5, 2000

As mentioned in Reference 1 and its resulting Change Pages, a lead "hot spot" was determined during the initial certification sampling within the Area 1, Phase II (A1PII) Trap Range area. Subsequently, an area measuring 30 feet long by 15 feet wide by 3 inches deep centered around the sampling point that determined the "hot spot" was stabilized, as shown in Drawing 92X-5900-G-00514 in Reference 2, using the contractor retained last year during the initial stabilization of the Trap Range.

Mr. James A. Saric
Mr. Tom Schneider

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This letter report summarizes the post-treatment Toxicity Characteristic Leachate Procedure (TCLP) lead data. The data demonstrates that TCLP for lead are below the 5.0 mg/L concentration and, therefore, no longer characteristically hazardous. Agency concurrence is requested to excavate this stabilized soil and the surrounding 6-inch, 0.4-acre excavation shown on Drawing 92X-5900-G-00504 in Reference 2.

The Fernald Environmental Management Project (FEMP) sampled the 15 feet by 30 feet area along with the contractor for TCLP lead and total lead. The results are:

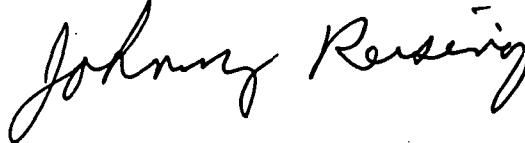
Sample Number: A1P2TR-73

<u>Result</u>	<u>TCLP Lead (mg/L)</u>	<u>Total Lead (mg/kg)</u>
Stabilization Contractor	0.211	139
FEMP	< 0.006	251

Enclosed please find the report from Severson Environmental Services, Inc. providing the above analysis result and discussion.

If you have any questions or require additional information, please contact Robert Janke at (513) 648-3124.

Sincerely,



FEMP:R.J. Janke

Johnny W. Reising
Fernald Remedial Action
Project Manager

Enclosure

Mr. James A. Saric
Mr. Tom Schneider

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JUN 13 2000

cc w/enclosure:

R. J. Janke, OH/FEMP
G. Jablonowski, USEPA-V, SRF-5J
T. Schneider, OEPA-Dayton (three copies of enclosure)
F. Bell, ATSDR
F. Hodge, Tetra Tech
M. Schupe, HSI GeoTrans
R. Vandegrift, ODH
AR Coordinator, Fluor Fernald, Inc./78

cc w/o enclosure:

N. Hallein, EM-31/CLOV
K. Nickel, OH/FEMP
A. Tanner, OH/FEMP
D. Carr, Fluor Fernald, Inc./2
J. D. Chiou, Fluor Fernald, Inc./52-0
T. Crawford, Fluor Fernald, Inc./52-0
T. Hagen, Fluor Fernald, Inc./65-2
J. Harmon, Fluor Fernald, Inc./90
S. Hinnefeld, Fluor Fernald, Inc./31
M. Jewett, Fluor Fernald, Inc./52-2
S. Lorenz, Fluor Fernald, Inc./52-5
M. Rolfes, Fluor Fernald, Inc./60
J. Vance, Fluor Fernald, Inc./52-0
T. Walsh, Fluor Fernald, Inc./65-2
ECDC, Fluor Fernald, Inc./52-7